



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named
Inventor : Timothy A. Skunes

Appln. No. : 10/644,650

Filed : August 20, 2003

For : OPTICAL ALIGNMENT MOUNT
WITH HEIGHT ADJUSTMENT

Docket No.: C34.12-0058

Group Art Unit: 2874

Examiner:

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

I HEREBY CERTIFY THAT THIS PAPER IS BEING
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PATENT ATTORNEY


Sir:

The patents or publications listed on the enclosed PTO Form-1449 are submitted pursuant to 37 C.F.R. § 1.97. Copies of the non-U.S. patents and/or publications cited are enclosed.


The Director is authorized to charge any fee deficiency required by this paper or credit any overpayment to Deposit Account No. 23-1123. A duplicate copy of this communication is enclosed.

Respectfully submitted,

WESTMAN, CHAMPLIN & KELLY, P.A.

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JKC:lrs

FORM PTO-1449		Atty. Docket No.: C34.12-0058	Appl. No.: 10/644,650
<p>LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT</p> 		First Named Inventor:	
		Timothy A. Skunes	
		Filing Date	Group Art:
		August 20, 2003	2874

U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
AA	4,250,520	2/10/81	Denlinger	357	68	
AB	4,457,467	7/3/84	Klement et al.	228	103	
AC	4,708,429	11/24/87	Clark et al.	350	96.20	
AD	4,720,163	1/19/88	Goodwin et al.	350	96.20	
AE	4,750,799	6/14/88	Kawachi et al.	350	96.11	
AF	4,752,816	6/21/88	Sussman et al.	357	30	
AG	4,798,439	1/17/89	Preston	350	96.20	
AH	4,892,377	1/9/90	Randle	350	96.2	
AI	4,954,458	9/4/90	Reid	437	51	
AJ	4,989,934	2/5/91	Zavracky et al.	350	96.11	
AK	5,113,404	5/12/92	Gaebe et al.	372	36	
AL	5,123,074	6/16/92	Yokota et al.	385	95	
AM	5,177,807	1/5/93	Avelange et al.	385	91	
AN	5,210,811	5/11/93	Avelange et al.	385	91	
AO	5,216,729	6/1/93	Berger et al.	385	31	
AP	5,247,597	9/21/93	Blacha et al.	385	88	
AQ	5,249,733	10/5/93	Brady et al.	228	180.22	

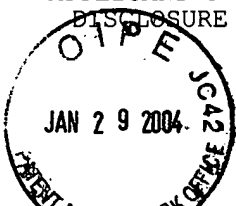
FOREIGN PATENT DOCUMENTS

	Document No.	Date	Country	Class	Sub Class	Translation Yes No
AR						

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AS	
EXAMINER:	DATE CONSIDERED:

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Examiner Initial	Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
AT	5,283,446	2/1/94	Tanisawa	357	433	
AU	5,450,508	9/12/95	Decusatis et al.	385	25	
AV	5,478,778	12/26/95	Tanisawa	437	183	
AW	5,499,312	3/12/96	Hahn et al.	385	91	
AX	5,535,296	7/9/96	Uchida	385	89	
AY	5,550,088	8/27/96	Dautartas et al.	437	225	
AZ	5,555,333	9/10/96	Kato	385	89	
BA	5,559,914	9/24/96	Asakura	385	49	
BB	5,568,892	10/29/96	Basavanhally	228	180.22	
BC	5,570,184	10/29/96	Armington et al.	356	375	
BD	5,574,561	11/12/96	Boudreau et al.	356	399	
BE	5,603,870	2/18/97	Roll et al.	264	1.25	
BF	5,647,044	7/8/97	Basavanhally et al.	385	92	
BG	5,659,641	8/19/97	DeMeritt et al.	385	14	
BH	5,687,267	11/11/97	Uchida	385	89	
BI	5,700,987	12/23/97	Basavanhally	219	56.1	
BJ	5,721,797	2/24/98	Basavanhally et al.	385	49	


FOREIGN PATENT DOCUMENTS

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BK						

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BL	
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Examiner Initial	Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
BM	5,745,624	4/28/98	Chan et al.	385	91	
BN	5,748,822	5/5/98	Miura et al.	385	90	
BO	5,748,827	5/5/98	Holl et al.	385	134	
BP	5,778,120	7/7/98	Asakura et al.	385	49	
BQ	5,833,202	11/10/98	Wolfgang	248	466	
BR	5,854,867	12/29/98	Lee et al.	385	49	
BS	5,859,943	1/12/99	Asakura et al.	385	49	
BT	5,883,988	3/16/99	Yamamoto et al.	385	14	
BU	5,892,179	4/6/99	Rinne et al.	174	261	
BV	5,985,086	11/16/99	Peall	156	292	
BW	5,898,806	4/27/99	Nishimoto	385	49	
BX	5,907,649	5/25/99	Acklin et al.	385	49	
BY	5,916,458	6/29/99	Komoriya et al.	219	121.63	
BZ	5,966,486	10/12/99	Boudreau et al.	385	90	
CA	5,970,200	10/19/99	Takikawa et al.	385	137	
CB	5,985,086	11/16/99	Peall	156	292	
CC	6,027,253	2/22/00	Ota et al.	385	83	


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	Document No.	Date	Country	Class	Sub Class	Translation Yes No
CD						

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CE	
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Examiner Initial	Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
CF	6,027,254	2/22/00	Yamada et al.	385	88	
CG	6,058,234	5/2/00	Tachigori	385	49	
CH	6,106,161	8/22/00	Basavanhally et al.	385	88	
CI	6,112,001	8/29/00	Kishida et al.	385	49	
CJ	6,115,515	9/5/00	Itoh et al.	385	14	
CK	6,118,917	9/12/00	Lee et al.	385	49	
CL	6,130,448	10/10/00	Bauer et al.	257	222	
CM	6,132,106	10/17/00	Yokoyama	385	74	
CN	6,157,050	12/5/00	Fukuoka	257	82	
CO	6,160,936	12/12/00	You et al.	385	49	
CP	6,164,837	12/26/00	Haake et al.	385	90	
CQ						
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FOREIGN PATENT DOCUMENTS

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CX	
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FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Sub Class	Translation Yes No
	DA	0 977 061 A2	2/2/00	EPO			X
	DB	2 779 536	12/10/99	France			X
	DC	54-12286	1/29/79	Japan			X
	DD	63-193113	8/10/88	Japan			(Abstract)
	DE	61-277908	12/8/96	Japan			(Abstract)
	DF	62-276890	12/1/87	Japan			(Abstract)
	DG	63-12187	1/19/88	Japan			(Abstract)
	DH	63-65411	3/24/88	Japan			(Abstract)
	DI	63-193113	8/10/88	Japan			(Abstract)
	DJ	63-228113	9/22/88	Japan			(Abstract)
	DK	1-302214	12/6/89	Japan			(Abstract)
	DL	6-34852	2/10/94	Japan			(Abstract)
	DM	6-174943	6/24/94	Japan			(Abstract)
	DN	6-201921	7/22/94	Japan			(Abstract)
	DO	6-331840	12/2/94	Japan			(Abstract)
	DP	7-333472	12/22/95	Japan			(Abstract)

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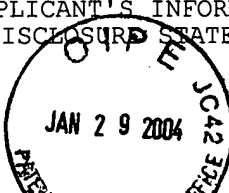
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DX	196 44 758 A1	4/30/98	Germany			X

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DY	"Micro-Mechanical Alignment Structures (patent pending)", from Web Site of Axsun Technologies, 2 pages, downloaded 2/15/01.
DZ	"An Innovative Flexible and Accurate Packaging Technique Suited to Fabricate Low Cost Micro Optoelectronic Modules", by M. Scussat et al., <u>Electronic Components and Technology Conference</u> , 2000, pgs. 26-32.
EA	Article from Web Site entitled "The Photonics Program and the Engineering Research Division at LLNL are Automating the Packaging of Optoelectronic Devices to Lower Costs", 3 pages, downloaded 10/19/00.
EB	Article from Web Site entitled "Automated Optoelectronic Packaging", 2 pages, downloaded 2/5/01.
EC	Article from Web Site entitled "Micro Assembly Automation", 3 pages., downloaded 2/5/01.
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EE	4,730,198	3/8/88	Brown et al.	350	96.20	
EF	4,790,618	12/13/88	Abe	350	96.15	
EG	4,817,849	4/4/89	Yamamoto et al.	228	103	
EH	4,845,052	7/4/89	Abend	437	209	
EI	4,909,590	3/20/90	Kamiko et al.	350	96.22	
EJ	5,093,879	3/3/92	Bregman et al.	385	93	
EK	5,170,455	12/8/92	Gooseen et al.	385	89	
EL	5,215,489	6/1/93	Nakamura	445	4	
EM	5,322,463	6/21/94	Young	445	4	
EN	5,371,822	12/6/94	Horwitz et al.	385	89	
EO	5,625,733	4/29/97	Frigo et al.	385	88	
EP	5,659,641	8/19/97	DeMeritt et al.	385	14	
EQ	5,737,467	4/7/98	Kato et al.	385	92	
ER	5,916,458	6/29/99	Komoriya et al.	219	121.63	
ES	6,010,251	1/4/00	Koyanagi et al.	385	93	
ET	5,644,668	7/1/97	Chambers et al.	385	90	
EU	5,671,315	9/23/97	Tabuchi et al.	385	137	
EV	5,700,987	12/23/97	Basavanhally	219	56.1	
EW	6,106,161	8/22/00	Basavanhally et al.	385	88	

FOREIGN PATENT DOCUMENTS

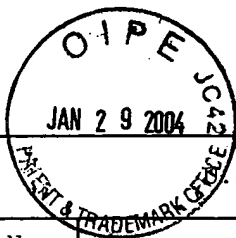
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S. PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
EZ	6,222,579	4/24/01	Sousa	347	241	
FA	6,327,407	12/4/01	Mitsuda et al.	385	49	
FB	2001/0010743	8/2/01	Cayrefoureq et al.	385	88	
FC	6,074,103	6/13/00	Hargreaves et al.	385	90	
FD	6,148,511	11/21/00	Taguchi	29	834	
FE	5,894,657	4/20/99	Kanayama et al.	29	740	
FF	4,854,667	8/8/89	Ebata et al.	350	96.20	
FG	5,383,118	1/17/95	Nguyen	364	167.01	
FH	5,677,973	10/14/97	Yuhara et al.	385	90	
FI	4,752,109	6/21/88	Gordon et al.	350	96.20	
FJ	4,807,956	2/28/89	Tournereau et al.	350	96.20	
FK	5,416,872	5/16/95	Sizer, II et al.	385	92	
FL	5,435,734	7/25/95	Chow	439	69	
FM	5,872,880	2/16/99	Maynard	385	88	
FN	6,186,674	2/13/01	Basavanhally	385	88	
FO	6,318,906	11/20/01	Ishizaka	385	88	
FP	6,392,778	5/21/02	Perduijn et al.	359	245	
FQ	6,396,854	5/28/02	Takagi	372	20	
FR	5,093,984	3/10/92	Lape	29	741	
FS	5,977,567	11/2/99	Verdiell	257	99	

FOREIGN PATENT DOCUMENTS

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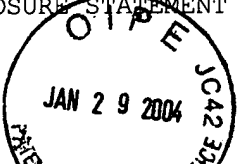
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GA	5,023,881	6/11/91	Ackerman et al.	372	46	
GB	5,906,753	5/25/99	Aoyagi et al.	216	24	
GC	6,467,972	10/22/02	Setoguchi	385	88	
GD	6,470,120	10/22/02	Green et al.	385	52	
GE						
GF						
GG						

FOREIGN PATENT DOCUMENTS

	Document No.	Date	Country	Class	Sub Class	Translation Yes No
GH	0 600 645 A1	6/8/94	EPO			X
GI	0 903 600 A1	3/24/99	EPO			X


OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

GJ	"Notification of Transmittal of the International Search Report or Declaration" PCT/US02/05412.
GK	"Notification of Transmittal of the International Search Report or Declaration" PCT/US02/05268.
GL	"Notification of Transmittal of the International Search Report or Declaration" PCT/US02/05497.
GM	"Notification of Transmittal of the International Search Report or Declaration" PCT/US02/05498.
GN	"3.5 Gb/s x 4 ch Optical Interconnection Module for ATM Switching System" by N. Tanaka et al., <u>Electronic Components and Technology Conference</u> , pgs. 210-216, 1997.
GO	"Advanced Flip Chip Bonding Techniques Using Transferred Microsolder Bumps", by N. Koshoubu et al., <u>Electronic Components and Technology Conference</u> , pgs. 272-277, 1999.
GP	"Hybrid Integrated 4x4 Optical Matrix Switch Using Self-Aligned Semiconductor Optical Amplifier Gate Arrays and Silica Planar Lightwave Circuit", <u>Electronics Letters</u> , Vol. 34, No. 10, pgs. 986-987, May 14, 1998.
GQ	

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S. PATENT DOCUMENTS

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GR	3,407,018	10/68	J.V. Miller	350	321	
GS	6,320,705	11/01	Dube'	359	796	
GT	US2003/0037141	03/02	Miyamoto et al.			
GU	4,180,307	12/1979	Tateoka et al.	350	6.5	
GV	2002/0037141	3/2002	Miyamoto et al.	385	88	
GW	4,989,940	2/1991	Wollenweber et al.	350	96.18	
GX	5,351,330	9/1994	Jongweaard	385	93	
GY	5,570,444	10/1996	Janssen et al.	385	90	
GZ	5,619,609	4/1997	Pan et al.	385	136	
HA	6,087,621	7/2000	Kang et al.	219	121.64	
HB	6,174,092	1/2001	Siala	385	91	
HC	6,184,987	2/2001	Jang et al.	356	388	

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	Document No.	Date	Country	Class	Sub Class	Translation Yes No
HD	1 008 877 A2	6/14/00	EPO			X
HE	1 014 125 A2	6/28/00	EPO			X
HF	0 821 218 A2	1/28/98	EPO			X
HG	0 903 608 A2	3/24/99	EPO			X
HH	0 921 702 A2	6/9/99	EPO			X

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

HI	Search Report PCT/US03/12252.
HJ	"Notification of Transmittal of the International Search Report or the Declaration" PCT/US03/12252.
HK	
HL	

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